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a memory to store images of an image frame in a plurality of memory pages;

a processor to perform drawing operations to generate the images for the image frame, the processor marking memory pages corresponding to regions of the image frame that have been updated; and

a display controller in communication with the memory to access the image frame and to send only the marked memory pages of the image frame to the display to refresh the display.

- 4. (Amended) The system of claim 3, wherein the image frame is divided into tiles representing two-dimensional regions of the image frame, each of the tiles is stored in one separate memory page.
- 5. (Amended) The system of claim 3, wherein each of the memory pages has a size of four Kilobytes.
 - 6. (Amended) The system of claim 3, wherein the image frame is represented by a configuration where color components of a pixel are deposited in contiguous memory locations.
 - 7. (Amended) The system of claim 3, wherein the image frame is represented by a configuration where color components of a pixel are separated and deposited in multiple color planes.

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10. (Amended) A method to refresh a display, comprising:

storing at least one image frame such that content of the image frame is stored in a plurality of memory pages in a memory;

marking memory pages corresponding to regions of the image frame that have been updated while performing drawing operations; and

sending only the marked memory pages of the image frame to the display to refresh the display.

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1	11.	(Amended)	The method of claim 10 further comprising:	
2	dividing	g the image fi	rame into tiles representing two-dimensional regions of the image	
3	frame, and			
4	storing	each of the ti	iles in one separate memory page.	
		\		
1	12.	(Amended)	The method of claim 10 further comprises using memory pages of	
2	four Kilobytes	in size.		
1	13.	(Amended)	The method of claim 10 further comprises organizing the image	
2 frame using a configuration where color components of a pixel are deposited in contiguous				
3 memory locations.				
1		`	The method of claim 10, further comprises organizing the image	
2	2 frame using a configuration where color components of a pixel are separated and deposited in			
3	multiple color p	planes.		
1			A program embodied on a system-readable medium to refresh a	
2 display, comprising:				
$\frac{3}{3}$	^ '		o control storing at least one image frame in a memory such that	
content of the image frame is stored in a plurality of memory pages in the memory;				
5	a secon	d sub-prograr	m to mark memory pages corresponding to regions of the image	
frame that have been updated while performing drawing operations; and				
7	at least	one sub-prog	gram to access the image frame and to send only the marked memory	
8	pages of the im	age frame on	ne memory page at a time to the display to refresh the display.	
1	16.	CANCELLE	D	
	15	A	D	
I	17.	CANCELLÉ	ט	
1.1	/ / 18. '	The program	of claim 15 further comprising:	

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2	a third sub-program to divide the image frame into tiles representing regions of
3	the image frame and to store each tile in a separate memory page.
1	19. The program of claim 15 further comprising:
2	a third sub-program to organize the image frame using a configuration where color
3	components of a pixel are deposited in contiguous memory locations.
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K	20. The program of claim 15 further comprising:
2	a third sub-program to organize the image frame using a configuration where
3	color components of a pixel are separated and deposited in multiple color planes.
1	21. (New) The system of claim 3, wherein the display controller sends the image
2	frame one memory page at a time to the display to refresh the display.
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1	22. (New) The method of claim 10, wherein the sending of the marked memory

pages of the image frame to the display to refresh the display further comprises sending the

marked memory pages one memory page at a time.

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